

Scheme 1

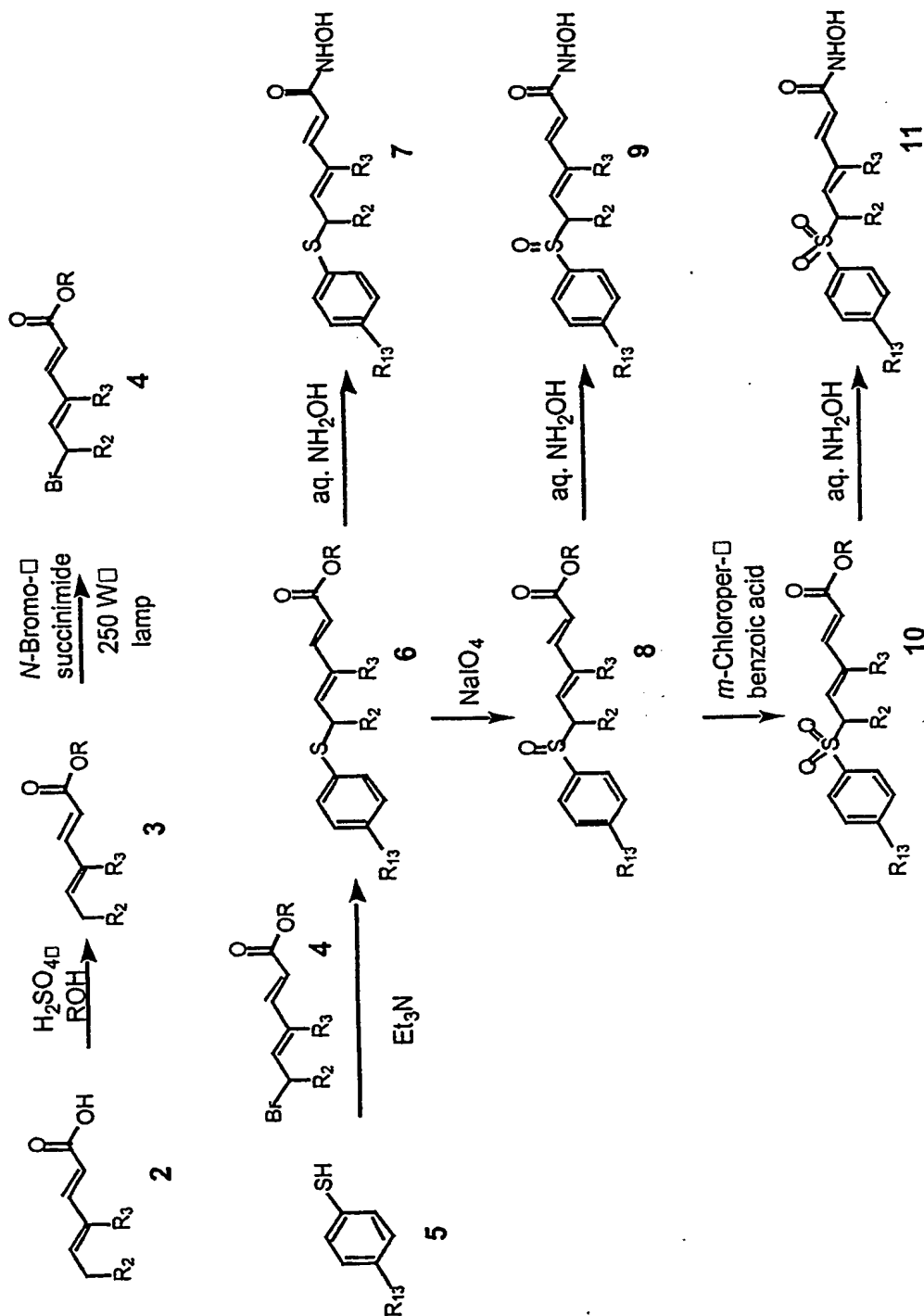
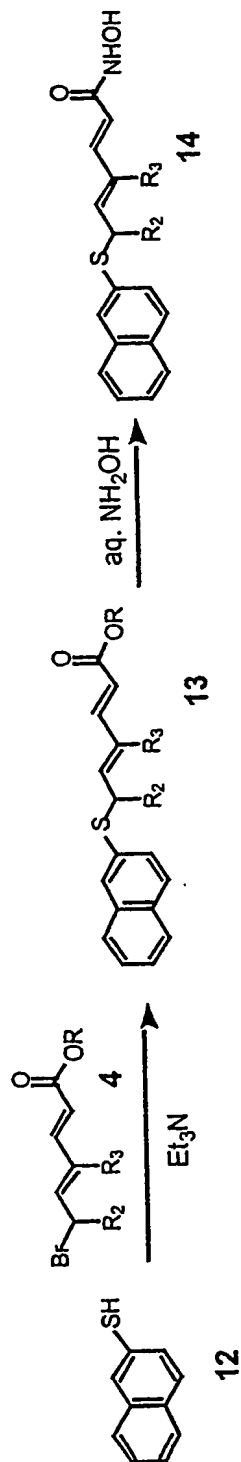


FIG. 1

2 / 11



$\text{R}^2$	$\text{R}^3$	$\text{R}^{13}$	$\text{R}^2$	$\text{R}^3$	$\text{R}^{13}$	$\text{R}^2$	$\text{R}^3$	$\text{R}^{13}$	$\text{R}^2$	$\text{R}^3$	$\text{R}^{13}$	$\text{R}^2$	$\text{R}^3$	$\text{R}^{13}$	$\text{R}^2$	$\text{R}^3$
3a	H	H	Me		7a	H	H	H	H	H	9a	Cl	H	H	H	H
	$\text{R}^2$	$\text{R}^3$	$\text{R}$		7b	Cl	H	H	H	H	9b	OMe	H	H	H	H
4a	H	H	Me		7c	NMe <sub>2</sub>	H	H	H	H						
6a	H	H	H	HO	8a	H	H	H	H	Me						
6b	Cl	H	H	Me	8b	Cl	H	H	H	Me	10a	H	H	H	H	HO
6c	H	H	H	Me	8c	OMe	H	H	H	Me	10b	H	H	H	H	Me
6d	NMe <sub>2</sub>	H	H	Me	8d	H	H	H	H	H						
6e	OMe	H	H	Me							11a	H	H	H	H	H

FIG. 1 CONT'D

3 / 11

Scheme 2

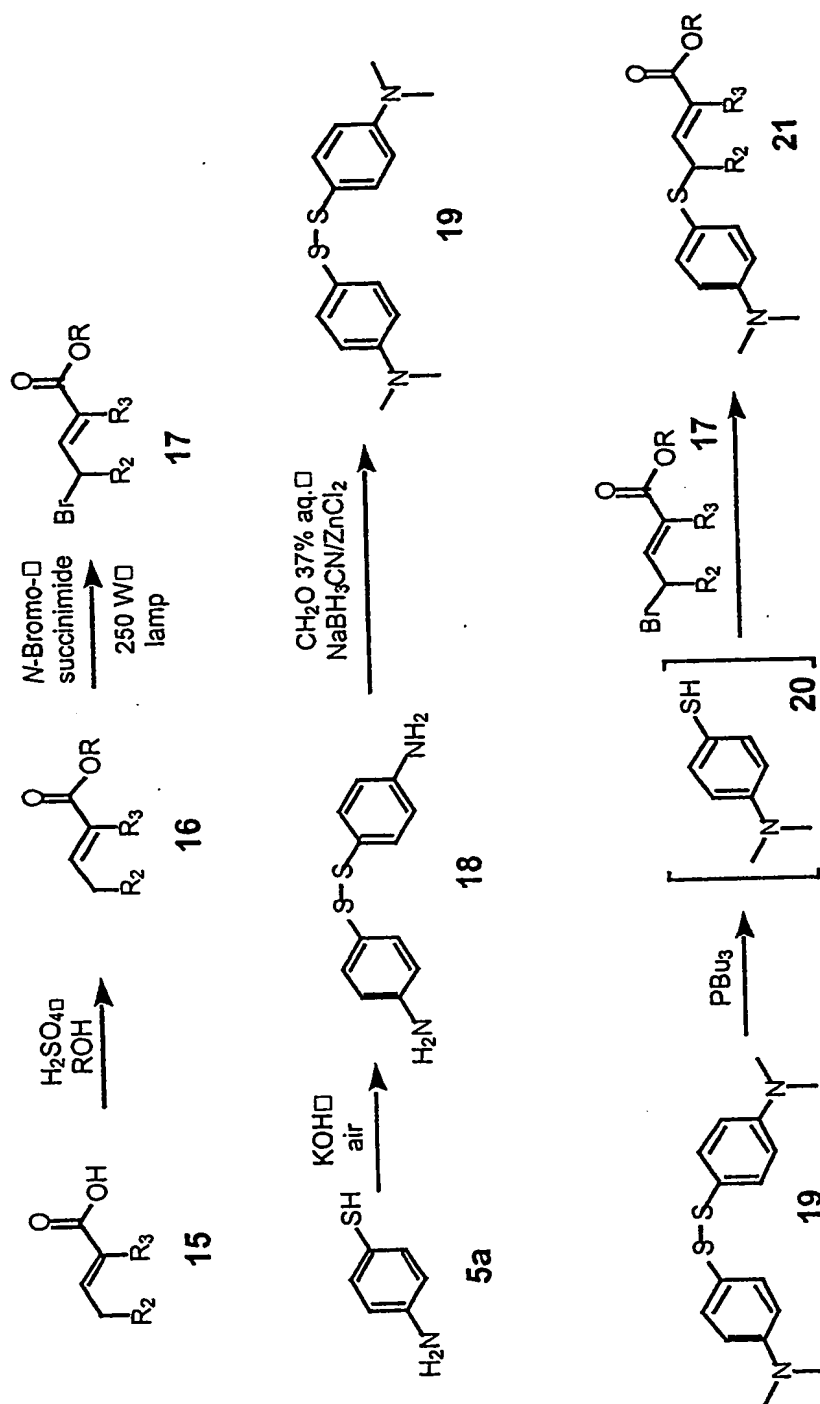
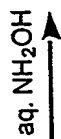
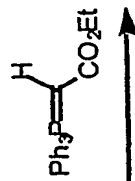
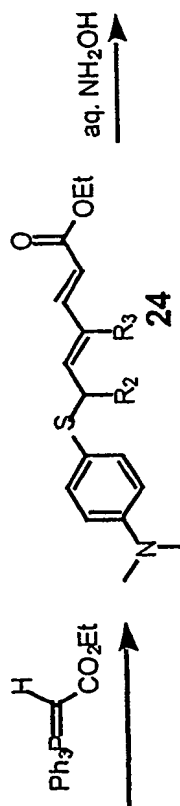
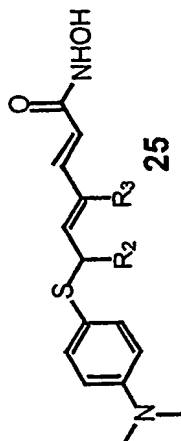
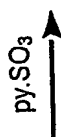
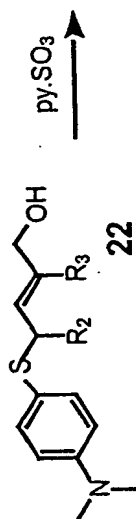
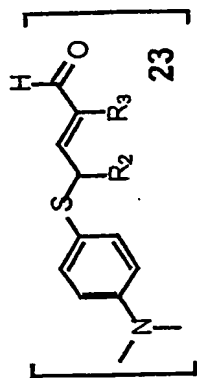


FIG. 2



	R <sup>2</sup>	R <sup>3</sup>	R		R <sup>2</sup>	R <sup>3</sup>	R		R <sup>2</sup>	R <sup>3</sup>
16a	H	H	H	□	21a	H	H	H	□	
16b	Me	Me	Me	Me	21b	Me	Me	Me	Me	
17a	H	H	H	□	22a	H	H	H	□	
17b	Me	Me	Me	Me	22b	Me	Me	Me	Me	
24a	H	Me	□		25a	H	Me	□		
24b	Me	H	□		25b	Me	H	□		
24c	Me	Me			25c	Me	Me			

FIG. 2 CONT'D

5 / 11

Scheme 3.

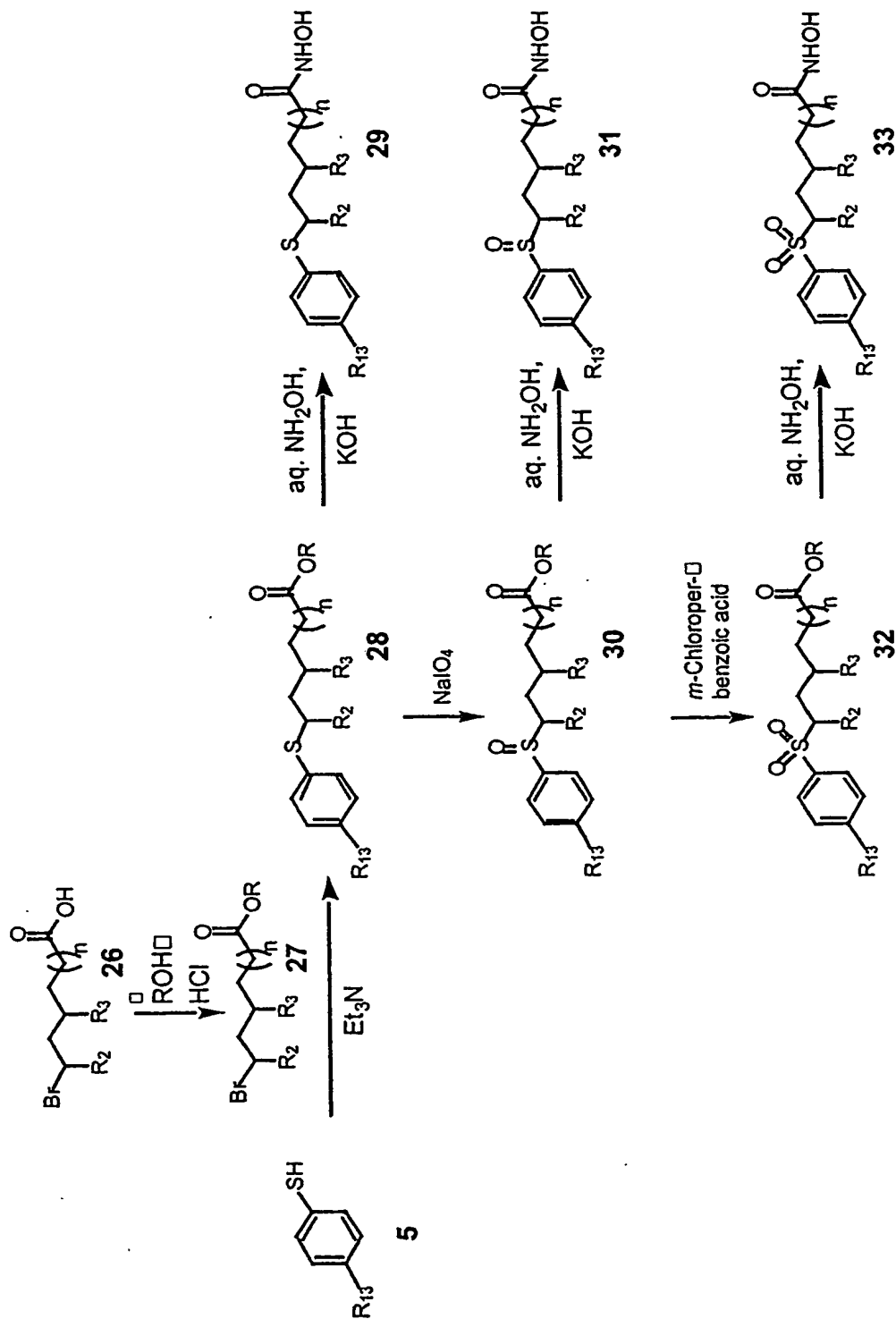


FIG. 3

6 / 11

$R^2$ $R^3$ $R$ $n$	$R^{13}$ $R^2$ $R^3$ $n$
26a H H Me 1	31a Cl H H 1 $\square$
	31b OMe H H $\square$
$R^2$ $R^3$ $R$ $n$	31c Cl H H 2 $\square$
27a H H Me 1 $\square$	31e NMe <sub>2</sub> H H 1 $\square$
27b H H Et 2	31f NMeR <sup>4</sup> H H 1 $\square$
	31i Ar H H 1
$R^{13}$ $R^2$ $R^3$ $R$ $n$	$R^{13}$ $R^2$ $R^3$ $R$ $n$
28a H H H $\square$	32a H H H H $\square$
28b Cl H H Me 1 $\square$	32b H H H Me
28c Cl H H Et 2 $\square$	
28d NH <sub>2</sub> H H Me 1 $\square$	$R^{13}$ $R^2$ $R^3$
28e NMe <sub>2</sub> H H Me 1 $\square$	33a H H H
28f NMeR <sup>4</sup> H H Me 1 $\square$	
28g NHR <sup>5</sup> H H Me 1 $\square$	
28h Br H H Me 1 $\square$	
28i Ar H H Me 1	
28f, 30f, 31f: $R^4 = p\text{-ClC}_6\text{H}_4\text{CH}_2$ $\square$	
28g, 29g: $R^5 = p\text{-ClC}_6\text{H}_4\text{SO}_2$ $\square$	
28i, 29i: Ar = $p\text{-ClC}_6\text{H}_4$	
$R^{13}$ $R^2$ $R^3$ $R$ $n$	$R^{13}$ $R^2$ $R^3$ $R$ $n$
30a H H H Me $\square$	
30b Cl H H Me 1 $\square$	
30c Cl H H Et 2 $\square$	
30d H H H H $\square$	
30e NMe <sub>2</sub> H H Me 1 $\square$	
30f NMeR <sup>4</sup> H H Me 1 $\square$	
30i Ar H H Me 1	

FIG. 3 CONT'D

Scheme 4

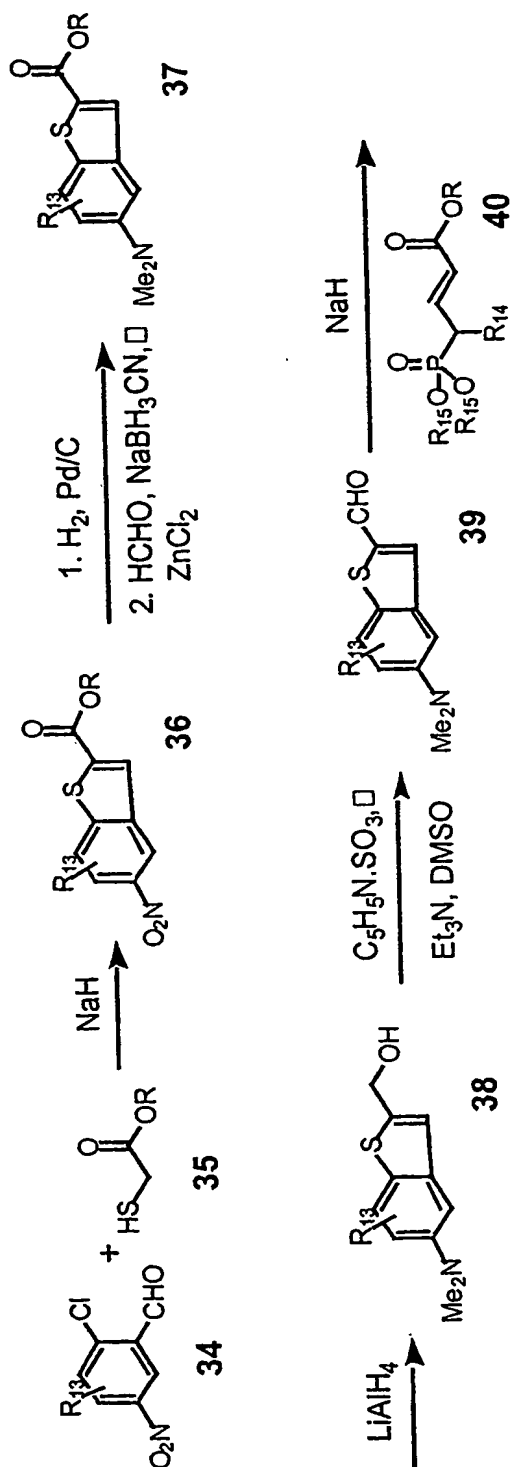
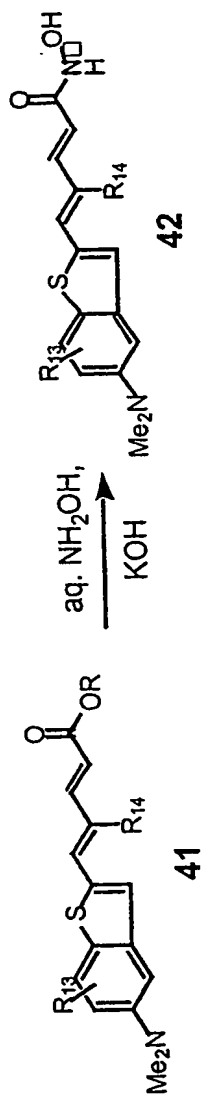


FIG. 4



R <sup>13</sup>	R <sup>13</sup>	R <sup>14</sup>	R <sup>15</sup>
34a H	37a H	Et	Et
		40a H	Et
		40b Me	Et
	R <sup>13</sup>		
35a Et	38a H	R <sup>13</sup>	R <sup>14</sup>
		41a H	Et
	R <sup>13</sup>	41b H	Et
			Me
		R <sup>13</sup>	R <sup>14</sup>
		42a H	H
		42b H	Me

FIG. 4 CONT'D



Scheme 5

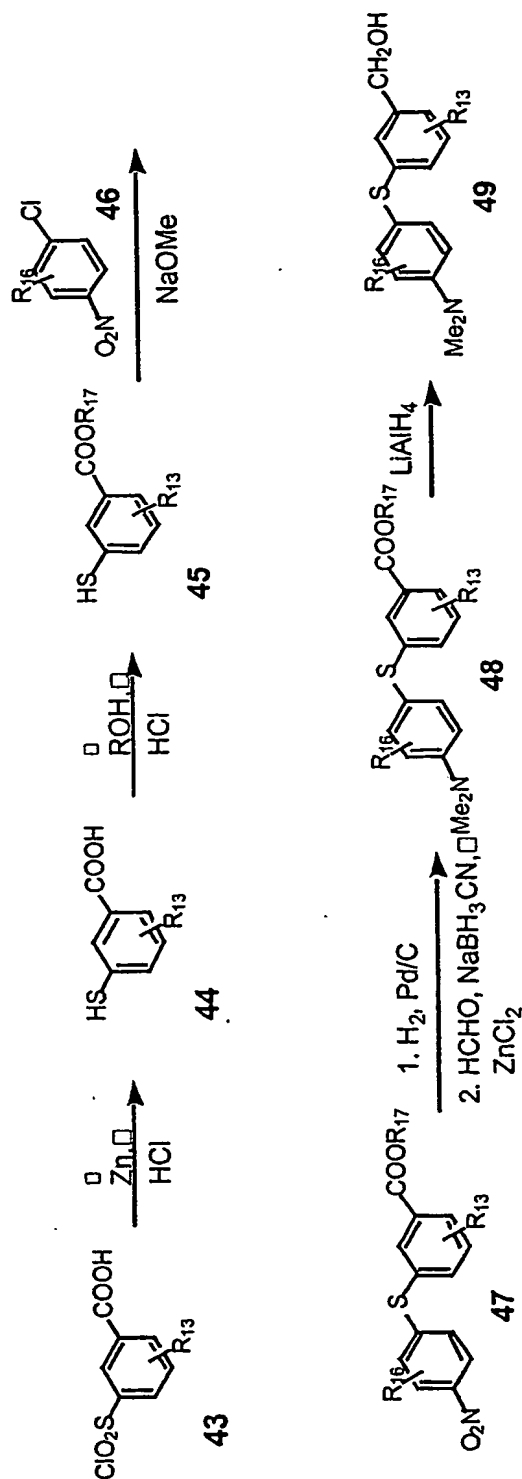


FIG. 5

10 / 11

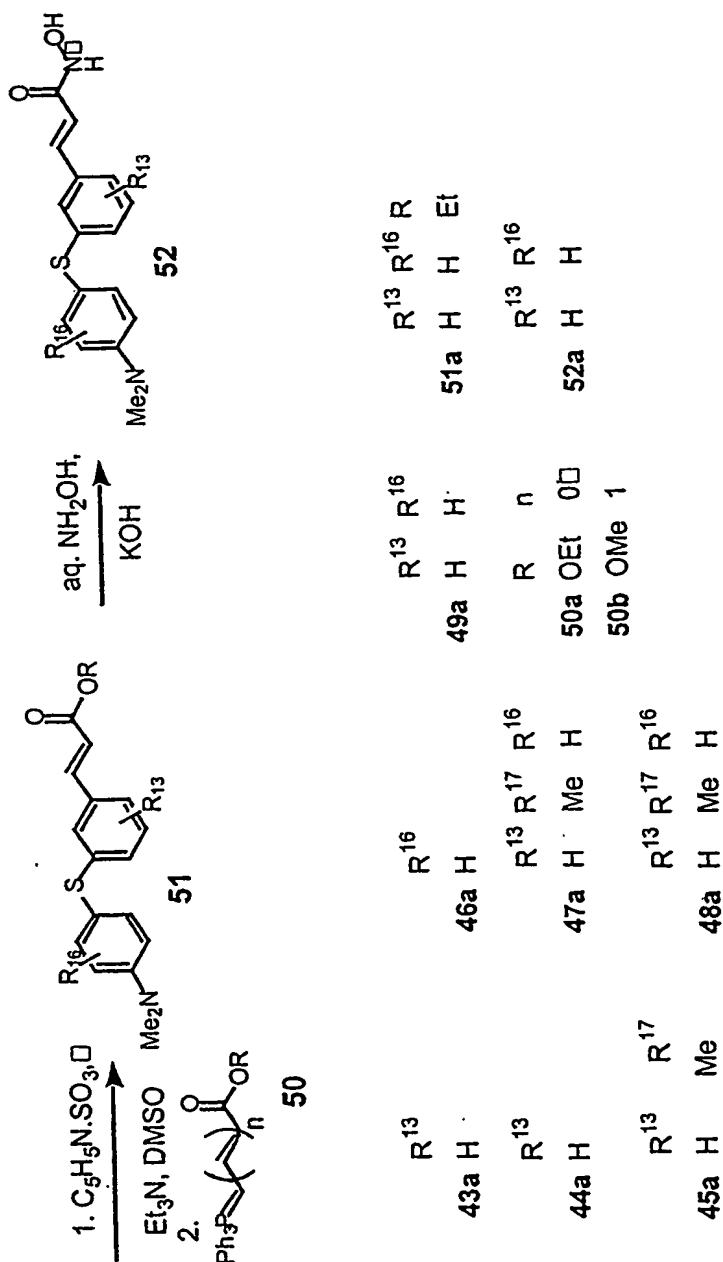


FIG. 5 CONT'D

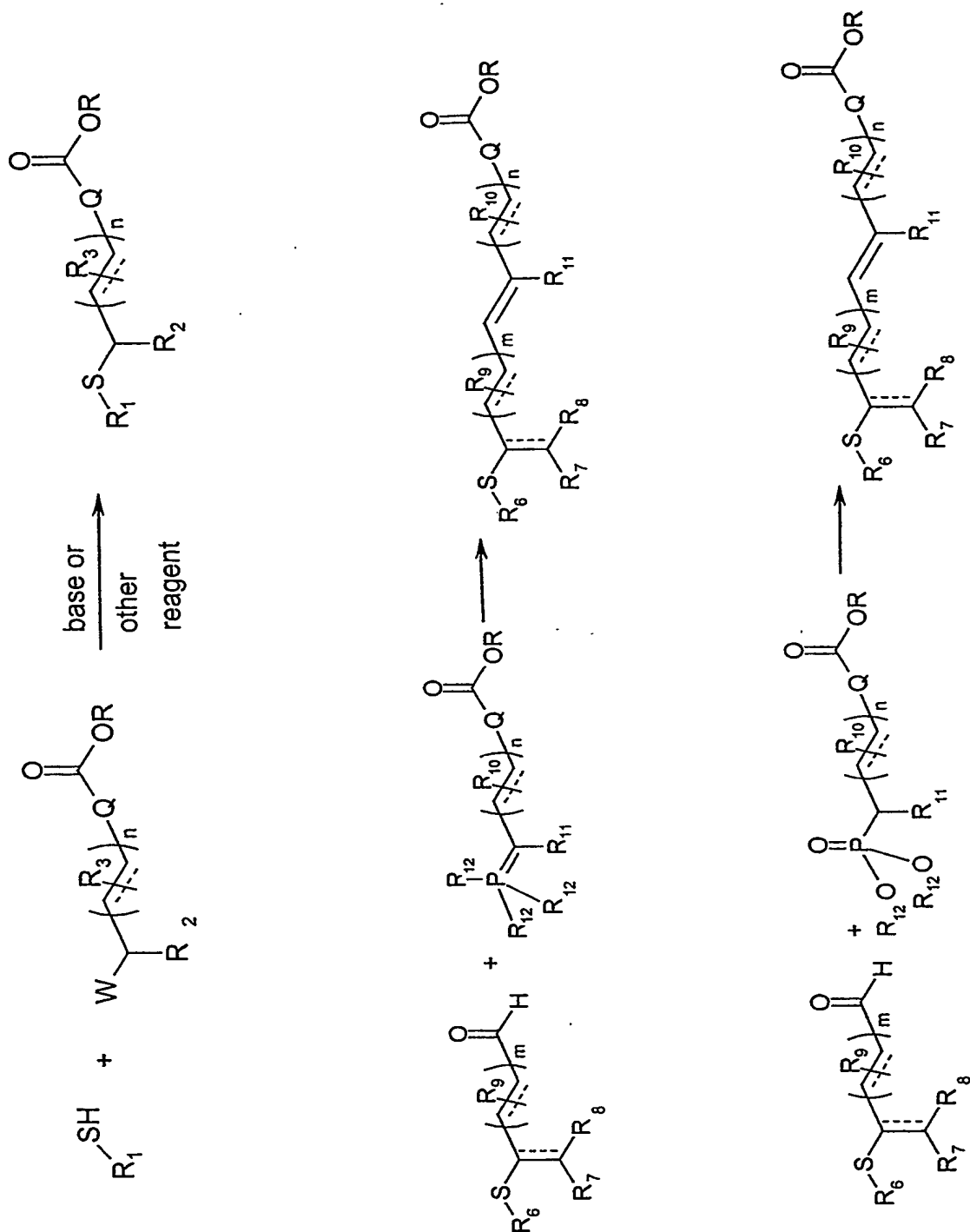


FIG. 6